



3661

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PTO/SB/21 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

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4

<b>TRANSMITTAL FORM</b> (to be used for all correspondence after initial filing)	Application Number	09/746,923
	Filing Date	Dec 22, 2000
	First Named Inventor	Parupud
	Group Art Unit	3661
	Examiner Name	
Total Number of Pages in This Submission	Attorney Docket Number	MS1-698US

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ENCLOSURES (check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Assignment Papers (for an Application)	<input type="checkbox"/> After Allowance Communication to Group
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22801  
PATENT TRADEMARK OFFICE

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	Lance R. Sadler, Reg. No. 38,605
Signature	
Date	3/6/03

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PTO SB 17 (01-03)  
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# FEE TRANSMITTAL for FY 2003

Effective 01/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ ) 0.00

Complete if Known

Application Number 09/746,923  
Filing Date Dec 22, 2000  
First Named Inventor Parton  
Examiner Name  
Art Unit 3661  
Attorney Docket No. MS1-698US

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## METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None

☒ Deposit Account:

Deposit Account Number 12-0769

Deposit Account Name Lee & Hayes, PLLC

The Commissioner is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☐ Credit any overpayments

☒ Charge any additional fee(s) during the pendency of this application

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## FEE CALCULATION

### 1. BASIC FILING FEE

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1001 750	2001 375	Utility filing fee	
1002 330	2002 165	Design filing fee	
1003 520	2003 260	Plant filing fee	
1004 750	2004 375	Reissue filing fee	
1005 160	2005 80	Provisional filing fee	
SUBTOTAL (1)			(\$ ) 0.00

### 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	Extra Claims	Fee from below	Fee Paid
Independent Claims	-20** =	18	
Multiple Dependent	-3** =	84	

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
1202 18	2202 9	Claims in excess of 20
1201 84	2201 42	Independent claims in excess of 3
1203 280	2203 140	Multiple dependent claim, if not paid
1204 84	2204 42	** Reissue independent claims over original patent
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$ ) 0.00

\*\*or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1051 130	2051 65	Surcharge - late filing fee or oath	
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet	
1053 130	1053 130	Non-English specification	
1812 2,520	1812 2,520	For filing a request for ex parte reexamination	
1804 920*	1804 920*	Requesting publication of SIR prior to Examiner action	
1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action	
1251 110	2251 55	Extension for reply within first month	
1252 410	2252 205	Extension for reply within second month	
1253 930	2253 465	Extension for reply within third month	
1254 1,450	2254 725	Extension for reply within fourth month	
1255 1,970	2255 985	Extension for reply within fifth month	
1401 320	2401 160	Notice of Appeal	
1402 320	2402 160	Filing a brief in support of an appeal	
1403 280	2403 140	Request for oral hearing	
1451 1,510	1451 1,510	Petition to institute a public use proceeding	
1452 110	2452 55	Petition to revive - unavoidable	
1453 1,300	2453 650	Petition to revive - unintentional	
1501 1,300	2501 650	Utility issue fee (or reissue)	
1502 470	2502 235	Design issue fee	
1503 630	2503 315	Plant issue fee	
1460 130	1460 130	Petitions to the Commissioner	
1807 50	1807 50	Processing fee under 37 CFR 1.17(q)	
1806 180	1806 180	Submission of Information Disclosure Stmt	
8021 40	8021 40	Recording each patent assignment per property (times number of properties)	
1809 750	2809 375	Filing a submission after final rejection (37 CFR 1.129(a))	
1810 750	2810 375	For each additional invention to be examined (37 CFR 1.129(b))	
1801 750	2801 375	Request for Continued Examination (RCE)	
1802 900	1802 900	Request for expedited examination of a design application	

Other fee (specify)

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ ) 0.00

## SUBMITTED BY

Name (Print/Type) Lance R. Sadler

Registration No. 38,605  
(Attorney/Agent)

(Complete if applicable)

Telephone (509) 374-9256

Signature

Date

3/6/03

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This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Serial No. ....  
Filing Date ..... Dec 22 2000  
Inventorship ..... Parupudi  
Applicant ..... Microsoft Corporation  
Attorney's Docket No. .... MS1-69805  
Title: Context-Aware Systems and Methods, Location-Aware Systems and  
Methods, Context-Aware Vehicles and Methods of Operating the Same, and  
Location-Aware Vehicles and Methods of Operating the Same

**INFORMATION DISCLOSURE STATEMENT**

*References -- See Attached Form PTO-1449*

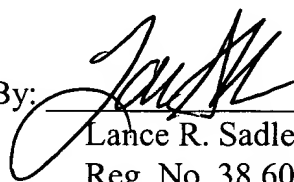
**REMARKS**

The citations listed, copies attached, are submitted in compliance with the duty of disclosure defined in 37 CFR §1.56. The Examiner is requested to make these citations of official record in this application.

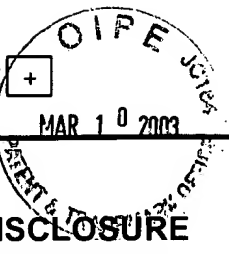
The Commissioner is hereby authorized to charge any payment of fees or credit overpayments to Deposit Account No. 12-0769 as set forth in 37 CFR §1.17(p).

Respectfully Submitted,

Date: 3/6/03

By:   
Lance R. Sadler  
Reg. No. 38,605

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Substitute for form 1449A/PTO

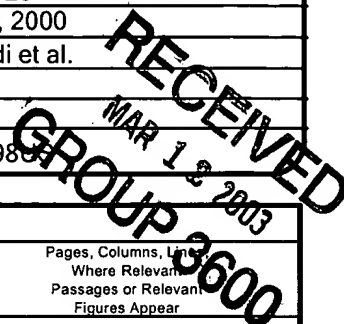
# **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 4

Compleat if Known

Application Number 09/746,923  
Filing Date Dec. 22, 2000  
First Named Inventor Parupudi et al.  
Group Art Unit 3661  
Examiner Name  
Attorney Docket Number MS1-69894



## **U.S. PATENT DOCUMENTS**

Examiner Initials <sup>*</sup>	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
		6,216,087		Want et al.	04-10-2001	
		6,028,551		Schoen et al.	02-22-2000	
		5,917,911		Dabbish et al.	06-29-1999	
		5,806,017		Hancock	09-08-1998	
		5,499,032		Kelley et al.	03-12-1996	
		6,389,288		Kuwahara et al.	05-14-2002	
		5,479,476		Finke-Anlauff	12-26-1995	
		6,421,544		Sawada	07-16-2002	
		5,774,540		Davidson et al.	06-30-1998	
		6,233,448		Alperovich et al.	05-15-2001	
		6,078,826		Croft et al.	06-20-2000	
		5,794,142		Vanttila et al.	08-11-1998	
		5,224,150		Neustein	06-29-1993	
		5,953,722		Lampert et al.	09-14-1999	
		6,151,601		Papierniak et al.	11-21-2000	
		5,945,985		Babin et al.	08-31-1999	
		6,307,573		Barros	10-23-2001	
		6,313,791		Klanke	11-06-2001	
		5,991,756		Wu	11-23-1999	
		5,948,040		DeLorme et al.	09-07-1999	

## **FOREIGN PATENT DOCUMENTS**

Examiner Initials <sup>*</sup>	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
			WO 99/55102		Netline Communications	10-28-1999		

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Signature

Date  
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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# **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

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Sheet 3 of 4

**Compleat if Known**

Application Number 09/746,923  
Filing Date Dec. 22, 2000  
First Named Inventor Parupudi et al.  
Group Art Unit 3661  
Examiner Name  
Attorney Docket Number MS1-698US

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## **NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		Yasuto Nakanishi et al., "Context Aware Messaging Service: A Dynamic Messaging Delivery Using Location Information and Schedule Information," Personal Technologies (2000) 4:221-224.	
		Jason Pascoe et al., "Issues in Developing Context-Aware Computing," Handheld and Ubiquitous Computing, First International Symposium, HUC'99 Karlsruhe, Germany, September 27-29, 1999 Proceedings, pp. 208-221.	
		Erno Kovacs et al., "Adaptive Mobile Access to Context-aware Services," IEEE 1999, pp. 190-201.	
		D. Abowd, "Context-Awareness in Wearable and Ubiquitous Computing," Virtual Reality (1998) 3:200-211	
		Chatschik Bisdikian et al., "WiSAP: A Wireless Personal Access Network for Handheld Computing Devices," IEEE Personal Communications, December 1998, Vol. 5 No. 6, pp. 18-25.	
		C.P. Louwrens and S.H. von Solms, "Selection of secure single sign-on solutions for heterogeneous computing environments," Part One Secure Information Systems, IFIP 1997, pp. 9-24.	
		Andrew J. Mazeikis and Glenn H. MacEwen, "A Communication Protocol for a Multi-Level Secure Network," Proceedings of TriComm '91 IEEE Conference on Communications Software: Communications for Distributed Applications & Systems, Chapel Hill, NC April 18-19, 1991, pp.	
		Lawton et al., "An Interactive Model Based Vision System for Vehicle Tracking," 1993, pages 403-409.	
		Eckstein et al., "Architecture for computer vision application development with the HORUS system," April 1997, pages 244-261.	
		Kuikka et al., "Transformation of structured documents," Electronic Publishing, Vol. 8(4), December 1995, pages 319-341	
		de Nitto Persone, et al. "Modeling and Evaluation of Prefetching Policies for Context-Aware Information Services," 1998, pages 55-65.	

Examiner Signature	Date Considered
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

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